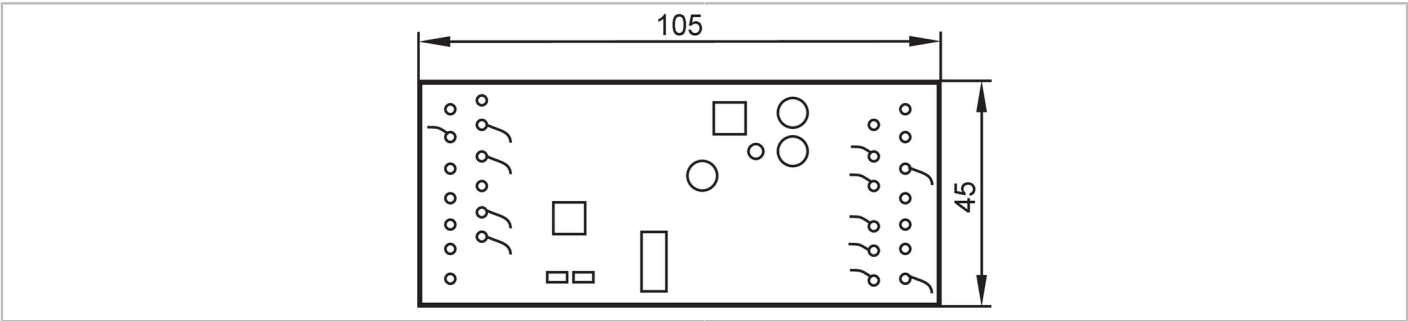




AS-Interface PCB module

CabinetModule 4DI 4DO T W



Application		
Application	For integration of mechanical switches into AS-i networks	
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250
Max. current load total	[A]	0.2; (total current for all inputs and outputs supplied from AS-i: 200 mA)
Inputs / outputs		
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4	
Inputs		
Number of digital inputs	4	
Input circuit of digital inputs	PNP	
Sensor supply of the inputs	AS-i	
Voltage supply	[V]	15...30; (DC)
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	> 3
Input current low	[mA]	< 1.5
Switching level high	[V]	> 10
Digital inputs protected against short circuits	yes	
Outputs		
Electrical design	PNP	
Number of digital outputs	4	
Circuit	PNP	
Max. current load per output	[mA]	50
Short-circuit proof	yes	
Electrically separated	yes	
Actuator supply outputs	AS-i	
Operating conditions		
Ambient temperature	[°C]	-25...60
Protection	IP 20	
Tests / approvals		
EMC	EN 50295	



AS-Interface PCB module

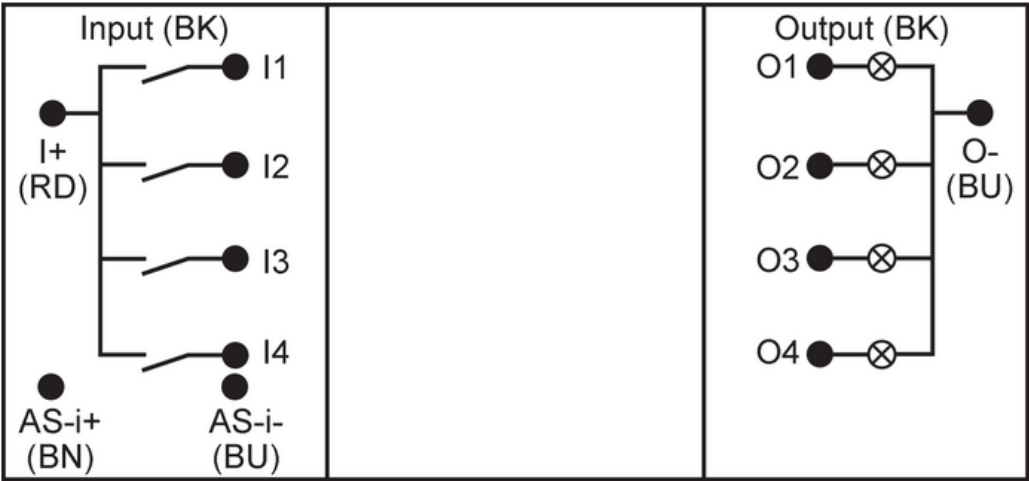
CabinetModule 4DI 4DO T W

MTTF	[years]	322
AS-i classification		
AS-i version		2.1
Extended addressing mode		no
AS-i master profile		M2; M3; M4
AS-i profile		S-7.0.F
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	0.F
Mechanical data		
Weight	[g]	115
Housing		rectangular
Type of mounting		for Moeller housing RMQ-Titan: I3M, I4M, I6M
Displays / operating elements		
Display	Power	LED, green
Accessories		
Items supplied		Angle bracket
Remarks		
Remarks	The PCB can also be integrated into a RMQ22 housing.	
	Do not connect any of the following points to an external potential:	
	O-, I+, I1, I2, I3, I4	
	The connections are electrically connected with the AS-i cable.	
	Install the unit so that exposed parts cannot be touched.	
Pack quantity		1 pcs.

Electrical connection

Cable: 0.2 m

Connection



Core colors :
BN = brown
BU = blue
BK = black
RD = red